JACO Rec'd PCT/PTO 10 JUN 2005

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

PCT/EP2003/012952 International Application No. : International Filing Date 19 November 2003 (19.11.2003) 11 December 2002 (11.12.2002) Priority Date(s) Claimed Applicant(s) (DO/EO/US) Matthew FRANCIS, et al. Title: FAST SWITCHING LIQUID CRYSTAL COMPOSITION FOR USE IN BESTABLE LIQUID CRYSTAL DEVICES INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98 Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir: This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows: Timing and Fees Under 37 C.F.R. § 1.97(b), no fee or statement is required for filing this information \boxtimes disclosure statement is filed: within three months of the filing date of a national application other than a CPA under § 1.53(d); within three months of the actual filing date of the national phase of a PCT X application; OR before the mailing of a first substantive office action (including after filing of an RCE). Under 37 C.F.R. § 1.97(c), this information disclosure statement is filed after the periods specified in 37 C.F.R. § 1.97(b), but before the mailing date of: a final rejection under 37 C.F.R. 1.113; termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR

a notice of allowance under 37 C.F.R. § 1.311; and

		is acco	ompanied by:
			the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
			a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).
			R. § 1.97(d), this information disclosure statement is filed after the mailing lowing actions which have not been withdrawn:
		a final	action under 37 C.F.R. § 1.113;
		termin	ation of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2);
		OR a r	notice of allowance under 37 C.F.R. § 1.311;
	AND	is filed	on or before payment of the issue fee; AND is accompanied by:
			tement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of 00 under 37 C.F.R. § 1.17(p).
Staten	nents U	nder 37	C.F.R. 1.97(e)
			Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
			No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.
Cited	<u>Materia</u>	<u>ls</u>	
		ancest	s of materials listed but not attached were cited in benefit (35 U.S.C. § 120) or application Serial No, on Form 892 by the Examiner and/or Form by the applicant; see 37 C.F.R. § 1.98(d).
	\boxtimes		s of materials listed but not attached were cited in an international search dated March 8, 2004.
		Not re	quired by 37 CFR § 1.98.
		Copie	s of the materials listed are attached (except for the foregoing).

Non-Engl	ish Language References
\boxtimes	An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).
	A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:
	 X = document of particular relevance when it is taken alone Y = document of particular relevance when it is combined with another such document A = document defining the general state of the art
	O = non-written disclosure
	P = intercalated document
	T = document cited to understand the theory or principle underlying the invention
	E = patent document which has the benefit of a date earlier than the filing date and which was published only on or after this filing date
	D = cited in the application
	L = cited for another reason
	& = publication of member of same patent family
	Translation of other relevant information on foreign search report
Other Info	ormation
Payment (of Fees Due (If Any):
	check for \$ covering the fee identified above is attached.
Pl	ease charge to Deposit Account No. 13-3402 \$ for the fee identified above.

JC09 Rec'd PCT/PTO 10 JUN 2005

The Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

Anthony J. Zelano, Reg. No. 27,969 Attorney/Agent for Applicants

MILLEN, WHITE, ZELANO & BRANIGAN, P.C. Arlington Courthouse Plaza I 2200 Clarendon Blvd. Suite 1400 Arlington, Virginia 22201 Telephone: (703) 243-6333

Facsimile: (703) 243-6410

Attorney Docket No.: MERCK-3022

Date: June 10, 2005

AJZ:ssr

10/538638

JC09 Rec'd PCT/PTO 10 JUN 2005

Please type a plus sign (+) inside this box -> +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitut	e for form 1449A/P	то		Complete if Known		
				Application Number	USNP of PCT/EP2003/012952	
INFC	PRMATIO	N DISCL	OSURE	Filing Date	19 November 2002 (19.11.2002)	
STATEMENT BY APPLICANT (use as many sheets as necessary)				First Named Inventor	Matthew FRANCIS, et al.	
				Group Art Unit	unknown	
				Examiner Name	unknown	
Sheet	1	of	1	Attorney Docket Number	MERCK-3022	

U.S. PATENT DOCUMENTS					
Examiner	Cite No.1	U.S. Patent Document Kind Co Number (if know	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
	001	6,440,506	KOJIMA, et al.	08-27-2002	
	002	5,976,407	TARUMI, et al.	11-02-1999	
	003	6,569,503	HIRSCHMANN, et al.	05-27-2003	
	004	6,544,602	HIRSCHMANN, et al.	04-08-2003	
	005	2003/148043	HIRSCHMANN	08-07-2003	
	006	6,514,579	HIRSCHMANN, et al.	02-04-2003	
	007	2003/224125	HECKMEIER, et al.	12-04-2003	
	008	2003/113482	NAKAMIMA, et al.	06-19-2003	
	009	2003/127629	HIRSCHMANN, et al.	07-10-2003	
	010	2003/104143	SUERMANN	06-05-2003	

FOREIGN PATENT DOCUMENTS								
Examiner		Foreign Patent Document Kind Code ⁵		Name of Patentee or Applicant of	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant		
Initials*	Cite No.1	Office ³	Number ⁴	(if known)	Cited Document	MM-DD-YYYY	Figures Appear	T ⁶
	011	GB	2 358 870		MERCK PATENT GMBH	08-08-2001		002
	012	DE	100 20 059		MERCK PATENT GMBH	01-11-2001		003
	013	DE	100 20 061	90	MERCK PATENT GMBH	11-07-2000		004
	014	DE	100 56 323		MERCK PATENT GMBH	06-21-2001		005
	015	DE	100 27 066		MERCK PATENT GMBH	01-11-2001		006
	016	DE	101 12 954		MERCK PATENT GMBH	12-13-2001		007
	017	DE	100 18 598	i i	MERCK PATENT GMBH	11-02-2000		800
	018	wo	01 64814		MERCK PATENT GMBH	09-07-2001		
	019	DE	102 29 505		MERCK PATENT GMBH	02-13-2003		009
	020	DE	102 23 912		MERCK PATENT GMBH	01-16-2003		010
	021	wo	99 34251		SECRY OF STATE OF DEFENSE	07-08-1999		

Examiner Signature	Date Considered	
-----------------------	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.